Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (currently amended) Drive unit for a body of revolution ~~(2)~~, able to turn about its essentially horizontal lengthwise axis ~~(3)~~, and having at its circumference a gear rim ~~(6)~~, ~~with which~~ the drive unit comprising a gear train with driven pinions ~~(4; 4') of the gear train of the drive unit engage~~for engaging the gear rim, ~~characterized in that~~ with the drive unit ~~is~~ arranged underneath and at the side of the body of revolution ~~(2)~~ so that the driven ~~pinion(s) (4; 4')~~pinions engage with the gear rim ~~(6)~~ at an angle between 25° and 90° downward from the horizontal.

2. (currently amended) Drive unit according to Claim 1, ~~characterized in that~~ wherein the drive unit has a pair of driven pinions ~~(4, 4')~~, which engage directly in succession with the gear rim ~~(6)~~ of the body of revolution, ~~being possibly~~ and set off from each other in relation to the lengthwise axis ~~(3)~~ of the body of revolution.

3. (currently amended) Drive unit according to Claim 1 or 2, ~~characterized in that the~~ further comprising a housing for the gear train, the housing ~~(1) of the drive unit has~~ having a horizontally extending base plate, as well as an opening plate ~~(5)~~, from which the gear rims of the pinions ~~(4; 4')~~ protrude from the gear train housing ~~(1)~~, ~~which is~~ the opening plate being arranged to extend at an angle of 60° to 0° in relation to the base plate.

4. (currently amended) Drive unit according to ~~one of Claims 1 to 3, characterized in that~~ Claim 1 or 2, wherein when the drive pinions engage the gear rim of the body of revolution the drive unit is arranged essentially perpendicularly underneath the body of revolution, ~~(2) and has~~ the drive unit having two driven pinions ~~(4, 4')~~, which are arranged symmetrically in relation

to the vertical axis ~~(7)~~ of the body of revolution ~~(2)~~, engaging with the gear rim ~~(6)~~, and ~~preferably~~ at the same time forming the bearing support for the body of revolution ~~(2)~~ in this place.

5. (currently amended) Drive unit according to ~~one of Claims 1 to 4, characterized in that~~ Claim 1 or 2, wherein the pinions ~~(4, 4')~~ have a graduated toothing.

6. (currently amended) Drive unit according to ~~one of Claims 1 to 5, characterized in that the~~ Claim 1 or 2, further comprising a drive motor which is flanged to the drive gear train across a coupling, ~~preferably~~ with the axis of the drive unit running parallel to the axis of rotation ~~(3)~~ of the body of revolution ~~(2)~~when the drive pinions engage the gear rim of the body of revolution.

7. (currently amended) Drive unit according to ~~one of Claims 1 to 6, characterized in that~~ Claim 1 or 2, wherein the body of revolution ~~(2)~~to be driven is a hollow cylinder, ~~preferably~~ configured as the grinding drum of a ball mill.

8. (currently amended) ~~Use of a drive unit according to one of Claims 1 to 7 for ball mills or cement mills.~~A method of driving a body of revolution, able to turn about its essentially horizontal lengthwise axis and having at its circumference a gear rim comprising:

providing a drive unit having a gear train with drive pinions for engaging the gear rim,

arranging the drive unit underneath and at the side of the body of revolution so that the pinions engage with the gear rim at an angle between 25° and 90° downward from the horizontal, and

operating the drive unit to rotate the body of revolution.

9. (new) The method according to claim 8, wherein the body of revolution is part of a mill selected from the group consisting of a ball mill and a cement mill.

10. (new) An apparatus for milling material comprising:

a body of revolution able to turn about its essentially horizontal lengthwise axis and within which material to be milled can be filled,

a gear rim at the circumference of the body of revolution,

a drive unit for rotating the body of revolution about its essentially horizontal lengthwise axis, the drive unit including a gear train with driven pinions engaging the gear rim with the drive unit arranged underneath and at the side of the body of revolution with the driven pinions engaging the gear rim at an angle between 25° and 90° downward from the horizontal.

11. (new) The apparatus according to claim 10, wherein the body of revolution is part of a mill selected from the group consisting of a ball mill and a cement mill.